

FORM PTO-1390  
REV. 2/01

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER  
2.0101

U.S. APPLICATION NO.  
(If known, see 37 CFR 1.53)

097786056

INTERNATIONAL APPLICATION NO.

PCT/US99/20011

INTERNATIONAL FILING DATE

September 1, 1999

PRIORITY DATE CLAIMED

September 1, 1998

TITLE OF INVENTION

ENHANCED FUNCTIONAL EXPRESSION OF G PROTEIN-COUPLED RECEPTORS

APPLICANT(S) FOR DO/EO/US

Mark Henry PAUSCH; Margaret LAI; Sanford SILVERMAN; Camelia BIRSAN; William BAUMBAUCH; Eugene TSENG; Eileen Marie KAJKOWSKI and Bradley Alton OZENBERGER

Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed with the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154 (d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A Substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A sequence listing containing 14 sheets and statement Accompanying Sequence Listing (1 page)
18. ☐ A second copy of the published international application under 35 U.S.C. 154 (d)(4).
19. ☐ A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).
20. ☒ Other items or information:
  - a. ☒ Copy of cover page of International Publication No. WO00/12704 A3.
  - b. ☐ Copy of Notification of Missing Requirements.
  - c. ☒ **Preliminary Amendment to Follow** - Total claim and Independent Claim count will change, as a result of the amendment.

21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO .....\$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO .....\$860.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search fee (37 CFR 1.445(a)(2)) paid to USPTO .....\$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$690.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33 (1)-(4) .....\$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  
months from the earliest claimed priority date (37 CFR 1.492 (e)).☐ 20 ☐ 30

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	63	- 20 =	x \$18.00	\$	
Independent Claims	7	- 3 =	x \$80.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$270.00	\$270.00	

**TOTAL OF THE ABOVE CALCULATIONS =**

\$1130.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

\$

**SUBTOTAL =**

\$1130.00

Processing fee of \$130.00 for furnishing the English translation later than  
months from the earliest priority date (37 CFR 1.492(f)).☐ 20 ☐ 30

\$

**TOTAL NATIONAL FEE =**

\$1130.00

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by  
an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.

+

\$

**TOTAL FEES ENCLOSED =**

\$1130.00

Amount to be refunded: \$

charged: \$

- a. ☒ A check in the amount of \$ 1130.00 to cover the above basic fee and multiple claims fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

DATED: March 1, 2001

SIGNATURE

Ernest F. Chapman, Reg. No. 25,961

NAME/REGISTRATION NO.